**MINISTRY OF EDUCATION AND TRAINING**

**FPT UNIVERSITY**

Capstone Project Document

**Job Searching System**

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| **Project code** | JSS |

-Hanoi, 08/2015-

# Table of Contents

[Table of Contents 2](#_Toc426470130)

[Definition, Acronyms and Abbreviations 3](#_Toc426470131)

[1. Introduction 3](#_Toc426470132)

[1.1. Project Information 3](#_Toc426470133)

[1.2. Purpose 3](#_Toc426470134)

[1.3. Scope 3](#_Toc426470135)

[1.4. The People 3](#_Toc426470136)

[1.5. Background 4](#_Toc426470137)

[1.6. Literature Review of Existing Systems 5](#_Toc426470138)

[1.7. Proposal 5](#_Toc426470139)

[1.7.1. The Idea 5](#_Toc426470140)

[1.7.2. Brief description about system 6](#_Toc426470141)

[1.7.3. System features 6](#_Toc426470142)

[1.8. Limitation 6](#_Toc426470143)

[1.9. References 6](#_Toc426470144)

# Definition, Acronyms and Abbreviations

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| --- | --- |
| **Name** | **Definition** |
| JSS | Job Searching System |
| App | Application |
| OS | Operating System |
| Admin | Administrator |
| Mod | Moderator |
| API | Application Programming Interface |
| HTTP | Hyper Text Transfer Protocol |

# Introduction

## Project Information

* Project name: **Job Searching System**
* Project Code: **JSS**
* Product Type: **Website Application**
* Timeline: **from May 2015 to September 2015**

## Purpose

This project is not only registered and implemented as the capstone project for the team members, but also deploy to the real world. Therefore, this is a chance and challenger also for us to work as a real project team which we will work after graduated.

## Scope

The scope of JSS project includes the planning, design, development and testing of Job Searching System. This system will meet all objectives specified in project. The completion will occur when the system has successfully executed and is approved by FPT university education council.

All the work will be performed internally and no portion of this work will be outsourced.

## The People

Supervisors:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Full name** | **Phone** | **E-mail** | **Title** |
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Team members:

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## Background

In this time of recession where everyone, is either experienced or fresher, is in search for a job. Looking for employment is one of the most challenging jobs many people ever have.

Statistics show that approximately 75% to 80% of all jobs are never advertised. Accordingly, many people should concentrate up to 80% of their job search efforts on effective methods (e.g., networking, direct marketing to hiring managers) that enable them to find out about those job opportunities.

With the born of an Internet, most of the people have started searching jobs over an Internet such requirements. Previously, newspaper plays an important role for searching out an experienced employee or jobs, now employers and employees are searching online job portals for finding employees and jobs respectively. Accessing the hidden job market is critical because:

* Recruiters may receive hundreds of applications for each advertised position
* It allows jobseekers to meet with a potential recruiters to create or uncover immediate or future opportunities that traditional methods will never present
* Recruiters will be more likely to remember a jobseeker contact and thus consider he for future job openings
* It enables jobseekers to meet people in his field of interest, collect inside information, and gain a competitive edge

So, we will build a Job Searching System where jobseekers can register themselves at the website and search jobs which are suitable for them, where as the recruiters register with the website and put up jobs which are requirements at their company. We will change the searching job habit of Vietnamese people, save their time and money.

## Literature Review of Existing Systems

Currently, there are some popular systems with quite similar services in comparison to our system. They are: Jobstreet.vn, Vietnamworks.com, Careerlink.vn.

* **Jobstreet.vn:** is a job portal founded in 1997, Malaysia. It is now Southeast Asia's largest online employment company, according to Forbes. It currently serves about 80000 corporate recruiters and 11 million jobseekers. Even as early as in July 2010, the Group services over 60,000 corporate customers and over 7 million jobseekers. But it is not fully support in Viet Nam. It is not a user-friendly system for Vietnamese jobseekers.
* **Vietnamworks.com:** is a job portal of Viet Nam. But the shared information about jobs is not much, and not detailed. It does not have online supporting service.
* **Careerlink.vn:** is another job portal of Viet Nam. Like Vietnamworks.com this website does not provide much information about jobs. There is no sorting or filtering feature in order to help users find out the best choice. There is no statistics about jobs on website. Otherwise, recruiters must pay high cost to get services of theirs.

## 1.7. Proposal

### 1.7.1. The Idea

The idea of creating a website just like Job Searching System is not a new thing but it never gets old. Some products above do exist and go live at the moment (Jobstreet.vn, Vietnamworks.com, Careerlink.vn ). However, all of them do not have all the benefits that our product will process.

JSS provides a new online job market for jobseekers and potential recruiters. The aim is to support the jobseekers in their job search in order to help them build a successful career. JSS offers detailed information about recruiter, application process, selection procedure for various jobs, personality development guides and many more helpful information related to career and job search. JSS can prove to be very helpful since it allows users of different profile to create their Profiles, search job on the basis of their qualification and also allow them to interact with the people of same community. Every user can access through user id and apply for multiple jobs at a time. JSS is developed to provide all categories of job and help to get various type of job, to help jobseekers for getting the quick job.

By implementing a Job Searching System for Vietnamese users, our product will have the following advantages:

* Specialized for Vietnamese users
* Provides detailed information about career and job opportunities, application process, selection procedure for various jobs, personality development guides.
* Sorting and filtering best suitable jobseekers based on some criteria. Recruiters will not have to waste his time for finding right employee at right post.
* Jobseekers can create entries in order to share experiences

### 1.7.2. Brief description about system

* With friendly interface, members can use comfortably, facilitate.
* Job Searching System uses familiar technologies as: MVC 5, .NET Framework, Identity, SQL Server 2012…
* It is support almost browsers as Firefox, Chrome.

### 1.7.3. System features

* Job Search Tools: Salary, Category, Keyword, Place…
* Job Listing from every possible sector
* Step-by-step guide for making resumes and valuables suggestions
* Manage profiles, update skills
* Applied job management
* Complete customization of jobs
* Matching Profile
* Advertising and promotions management

## 1.8. Limitation

After studying about this project, we found out some problems that we may be encountered:

* We do not have much time, so we must concentrate on project’s tasks every day with any free-time we have, after working or studying.
* We do not have much experience in exchange information, managing and controlling work so we might be missed the deadline or out of scope.
* Conflict between project members, or health issues of members.

## 1.9. References

Referred the following websites:

1. JobStreet: <http://www.jobstreet.vn/>
2. Vietnamworks : <http://www.vietnamworks.com/>
3. CarrerLink: <http://www.careerlink.vn/>